

CLAIMS

1. A wall block for use in a segmental retaining wall system, said wall block comprising:

an interior face for forming an interior surface of a segmental retaining wall;

5 an exterior face for forming an exterior surface of the segmental retaining wall;

first and second sides that extend from said exterior face to said interior face;

a top surface and a bottom surface; and

a channel defined by a front wall, a rear wall, and a channel bottom surface and

extending across one of said faces and surfaces, said rear wall including an inwardly

10 extending shoulder.

2. The wall block of claim 1, wherein said channel is formed in said top surface of said wall block.

15 3. The wall block of claim 2, wherein said channel extends transversely across said top surface from said first side to said second side of said wall block.

4. The wall block of claim 1, wherein said rear wall shoulder is formed as a curved lip.

20 5. The wall block of claim 1, wherein said channel is adapted to receive a reinforcement member retaining bar.

6. The wall block of claim 1, wherein said front wall of said channel includes an inwardly extending shoulder.

7. The wall block of claim 6, wherein said front wall shoulder is formed as a
5 curved lip.

8. The wall block of claim 1, further comprising a flange that is sized and configured so as to mate with a channel of another of said blocks.

10 9. The wall block of claim 8, wherein said flange is provided on said bottom surface of said wall block.

10. The wall block of claim 1, wherein said wall block is formed of a concrete material.

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a
Sub J3 E3
retaining system

11. A wall block for use in a segmental retaining wall system, said wall block

comprising:

an interior face for forming an interior surface of a segmental retaining wall;

an exterior face for forming an exterior surface of the segmental retaining wall;

5 first and second sides that extend from said exterior face to said interior face;

a top surface and a bottom surface; and

retaining means for retaining a reinforcement member to a retaining wall, said
retaining means being integrally formed in said wall block

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12. The wall block of claim 11, wherein said retaining means comprises a channel

defined that extends across one of said faces and surfaces and a retaining bar that is sized
and configured to fit within said channel.

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13. The wall block of claim 12, wherein said channel extends transversely across

said top surface from said first side to said second side of said wall block.

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14. The wall block of claim 12, wherein said channel is defined by a front wall,

rear wall and a channel bottom surface, said rear wall including an inwardly extending
shoulder.

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15. The wall block of claim 14, wherein said rear wall shoulder is formed as a

curved lip.

add E4 *system*
16. The wall block of claim 11, wherein said wall block is formed of a concrete material.

5 17. A method for forming a segmental retaining wall, said method comprising the steps of:

stacking a plurality of wall blocks in aligned courses, a plurality of said wall blocks having a channel formed therein; and

10 securing at least one reinforcement member to the wall with a retaining bar that overlaps the reinforcement member within the channel;

wherein the retaining bar secures the reinforcement member to the wall when tensile forces are imposed upon the reinforcement member.

add E6